

1/9

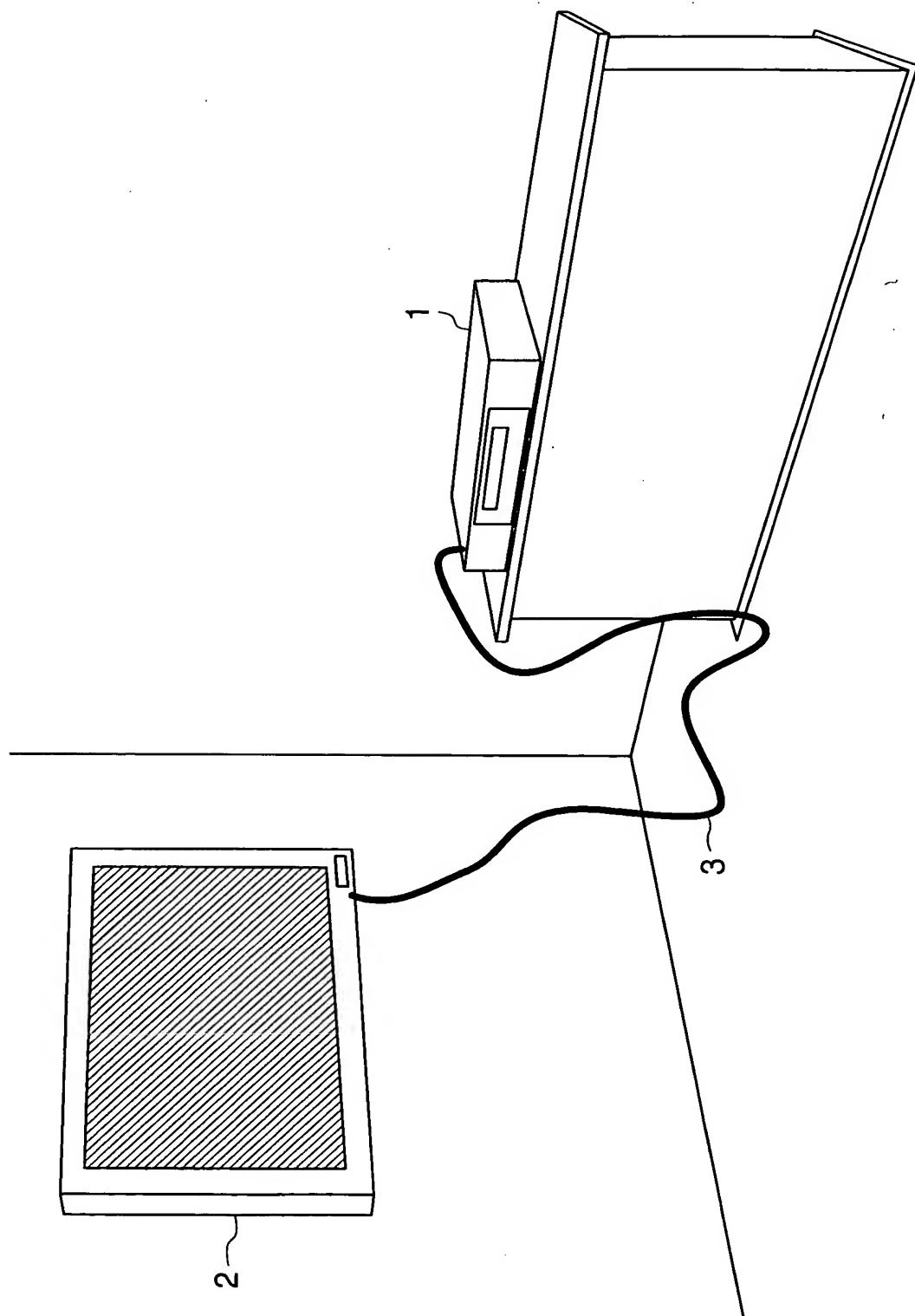


FIG. 1 (RELATED ART)

2/9

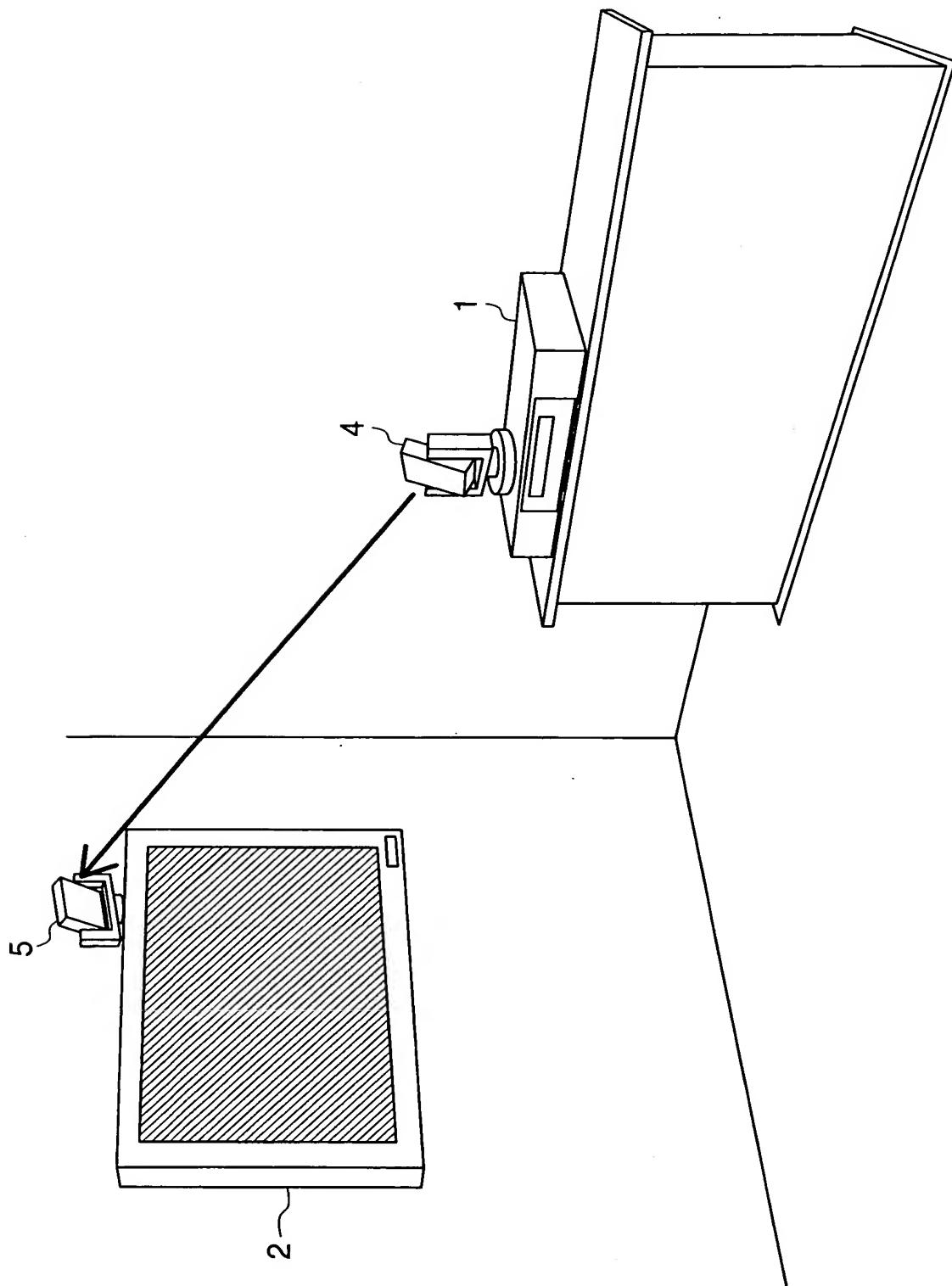


FIG. 2 (RELATED ART)

3/9

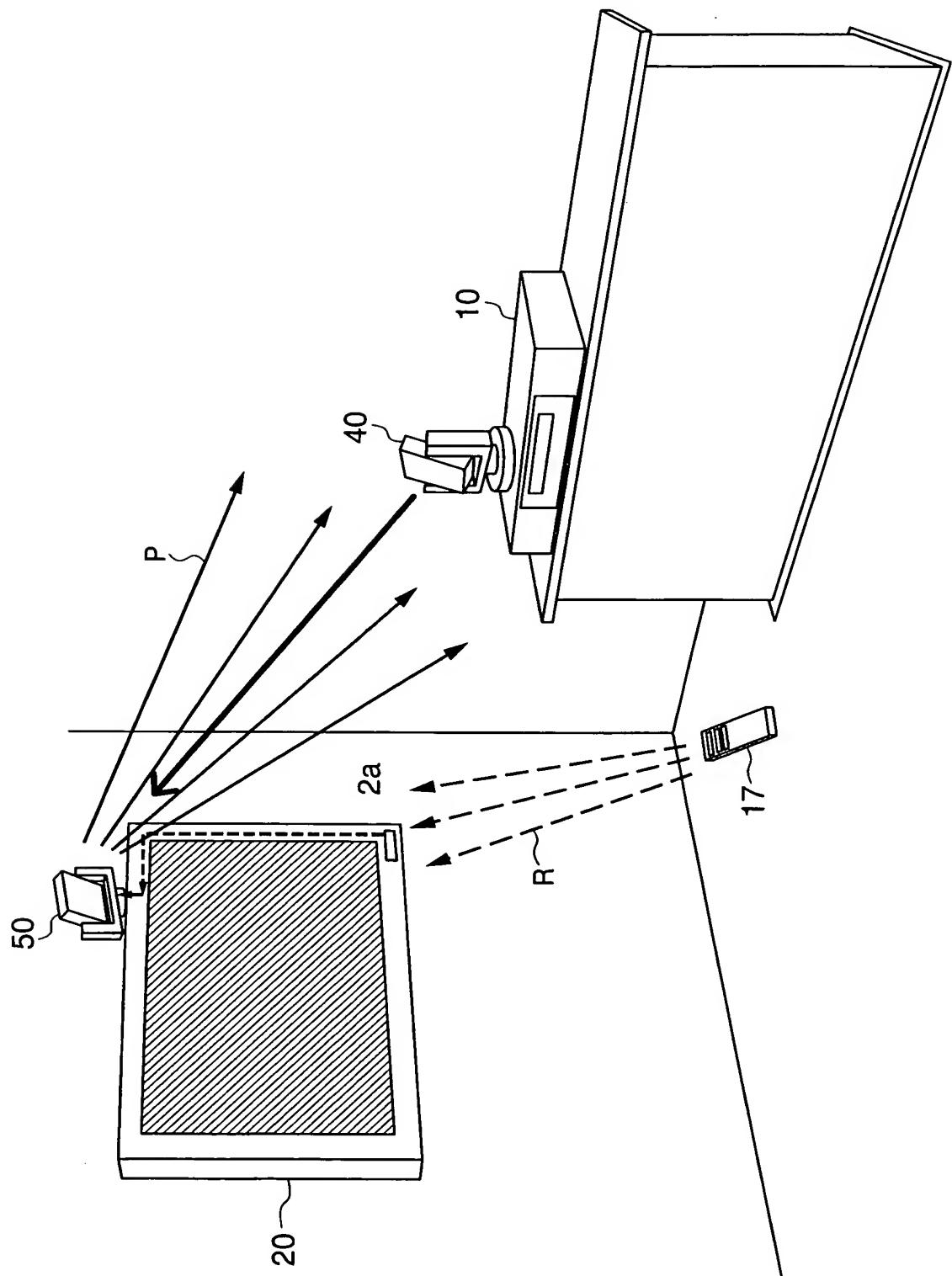


FIG. 3

4/9

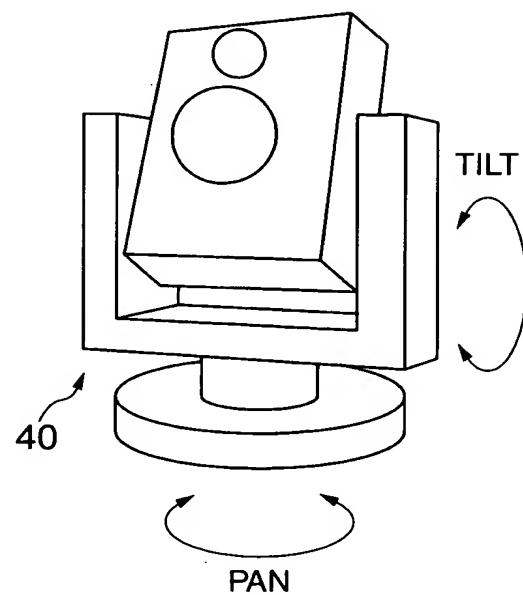
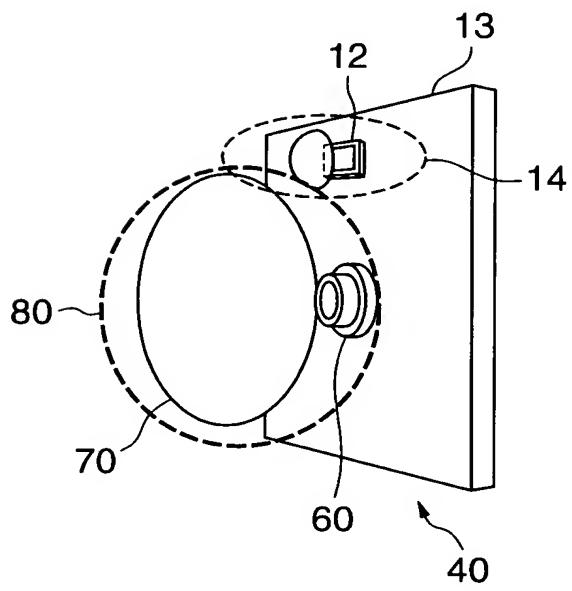


FIG. 4A

FIG. 4B

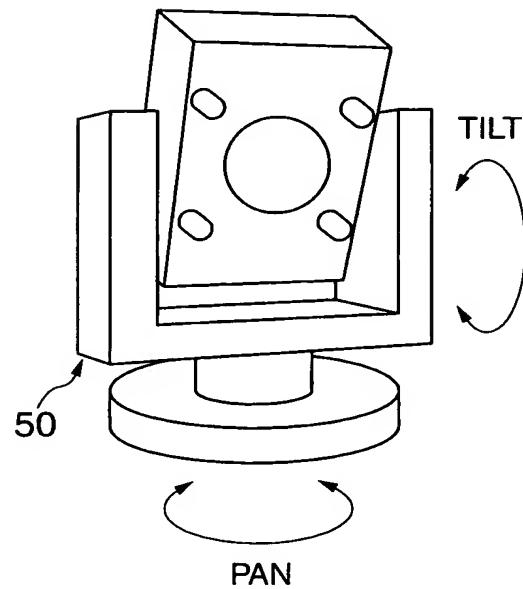
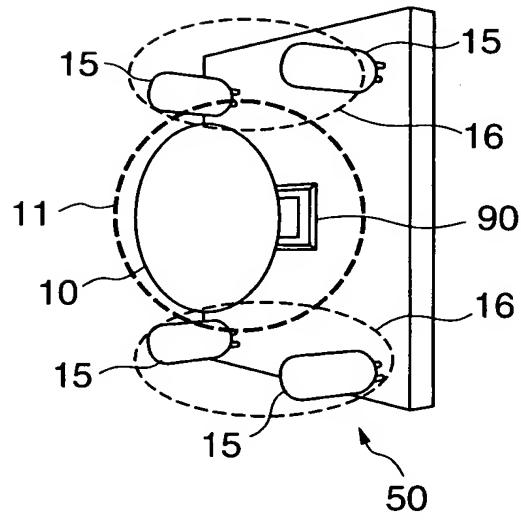


FIG. 5A

FIG. 5B

5/9

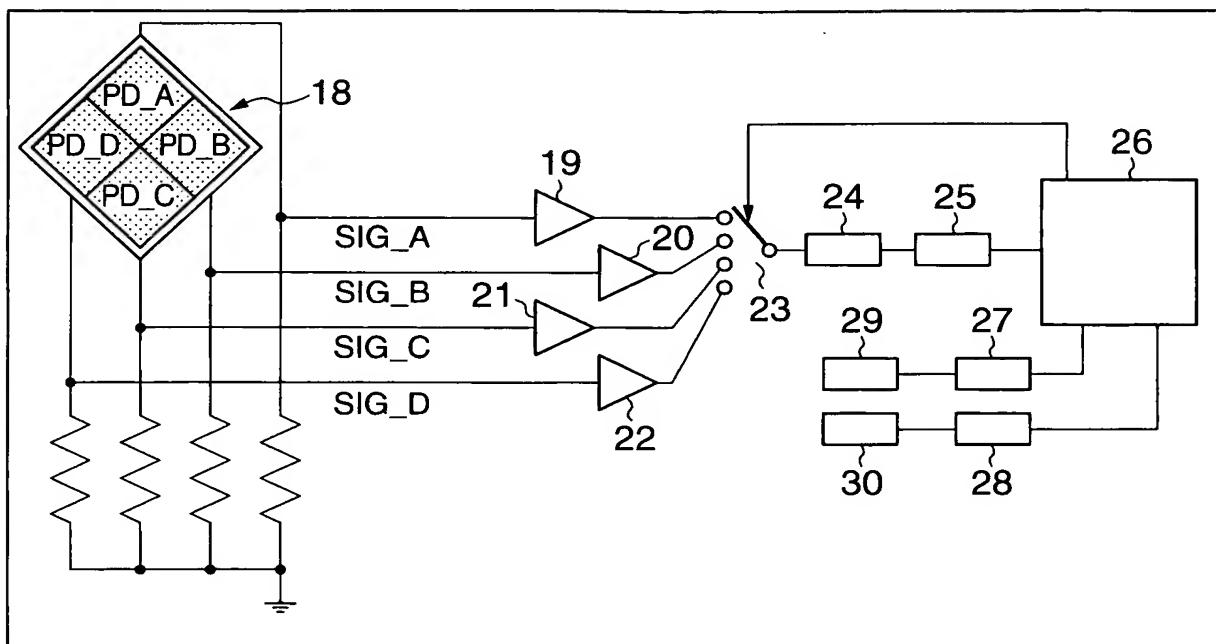


FIG. 6

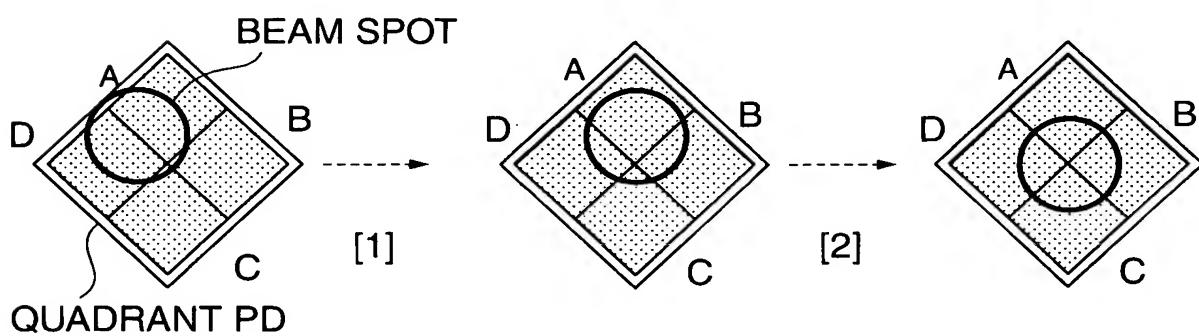


FIG. 7

6/9

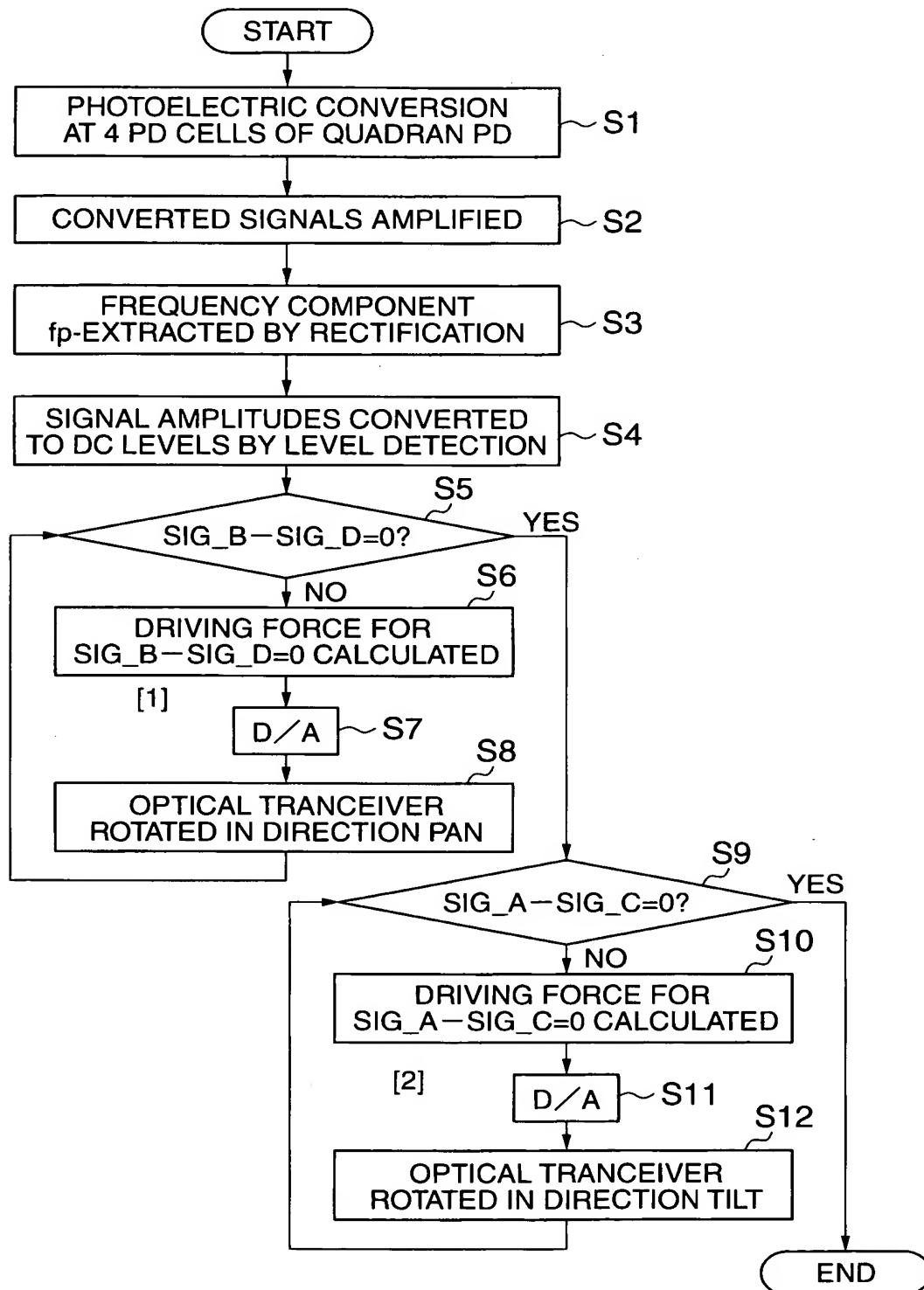


FIG. 8

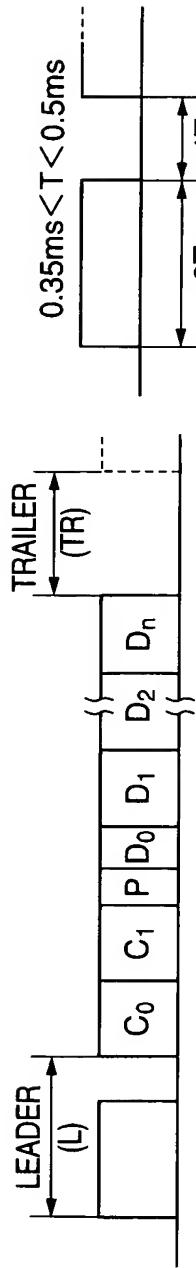


FIG. 9A

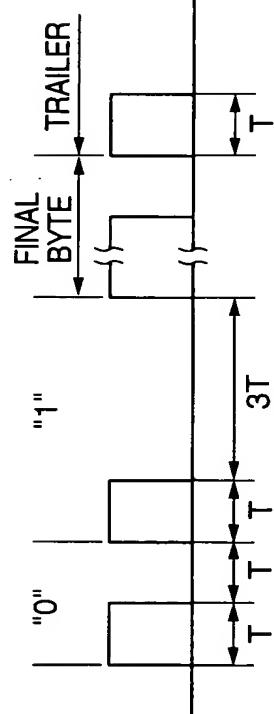


FIG. 9C

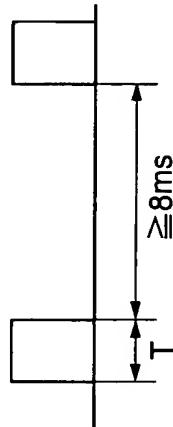
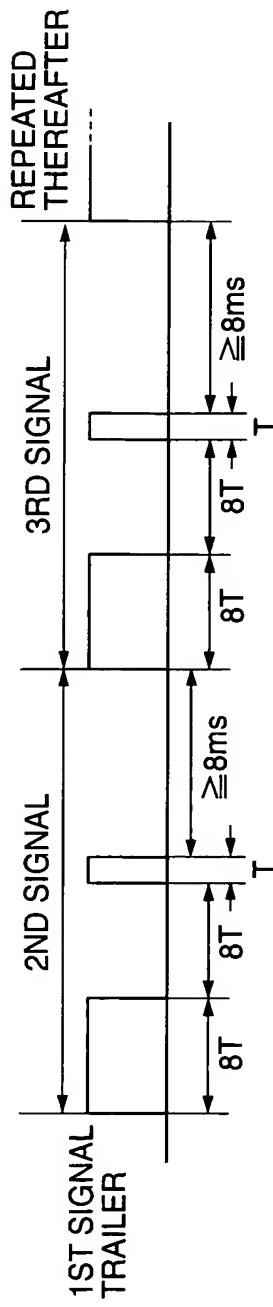


FIG. 9D



FIGURE

8/9

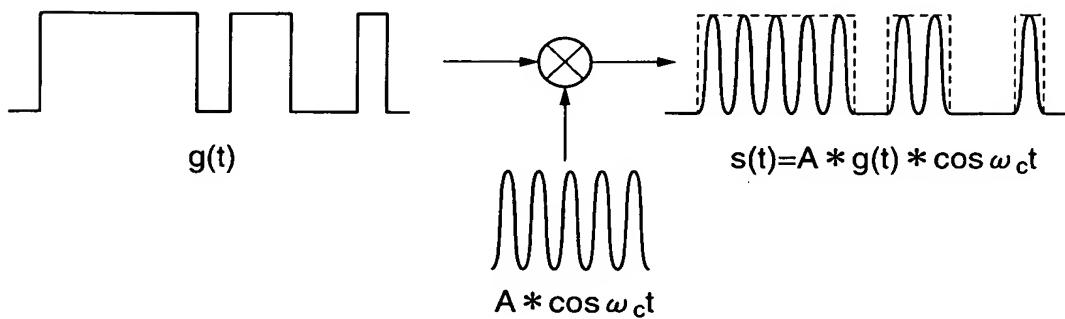


FIG. 10

$$\text{NOISE: } n(t) = n_c(t) * \cos \omega_c t + n_q(t) * \sin \omega_c t$$

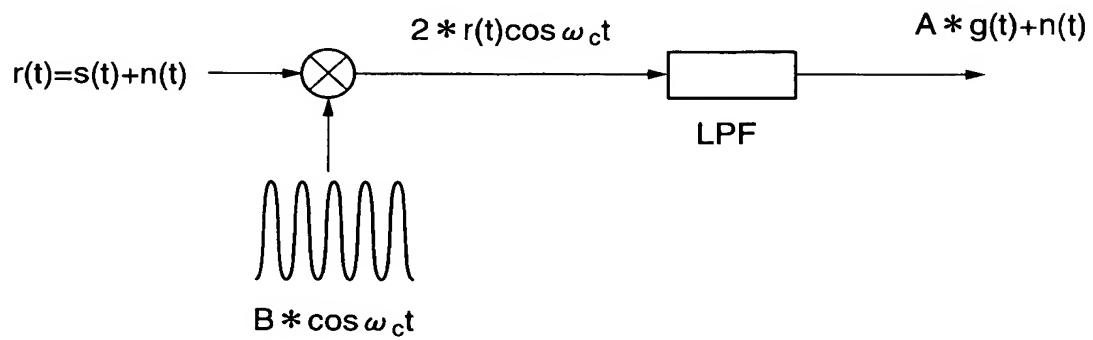


FIG. 11

9/9

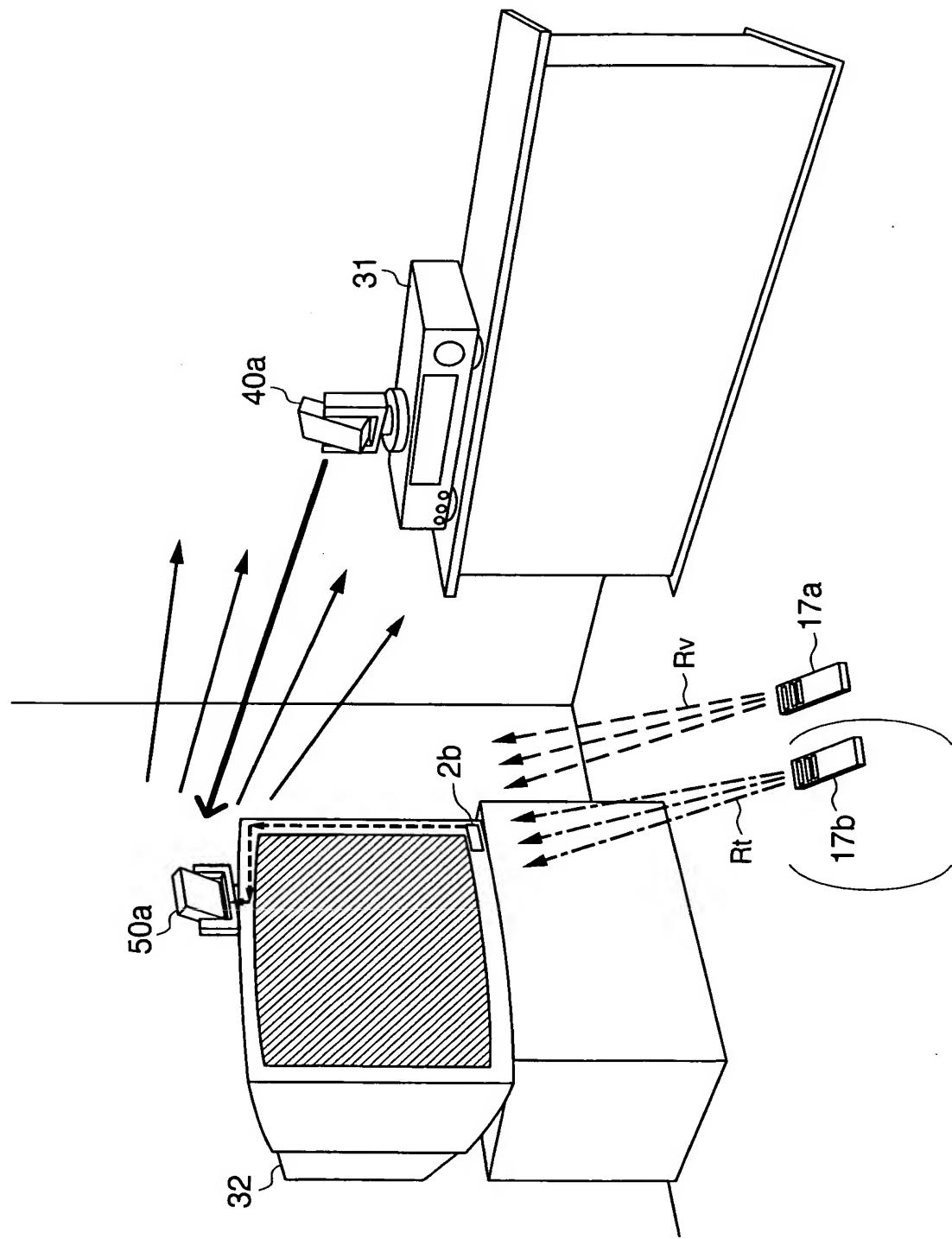


FIG. 12